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OAK RIDGE NATIONAL LABORATORY
MANAGED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.
FOR THE U.S. DEPARTMENT OF ENERGY

POST OFFICE BOX 2008
OAK RIDGE, TENNESSEE 37831

July 15, 1992

Dr. W. A. Williams
Department of Energy
Trevion II Building
EM-421
Washington, D. C. 20585

Dear Dr. Williams:

**Trip Report of ORNL Health Physics Support at the Uniroyal Chemical Company Painesville, Ohio,
on June 25, 1992**

As per agreement between DOE-HQ and Uniroyal of Painesville, on June 25, 1992, a member, the undersigned, from the Health and Safety Research Division of the Oak Ridge National Laboratory (ORNL) provided health physics support for the Uniroyal Chemical Company. The job encompassed a contractor excavating around a fire hydrant and finding an underground water leak. The leak was in an area where no contamination was detected in an earlier survey.

Before any excavating was conducted, direct gamma and beta-gamma radiation measurements were taken at the surface and all radiation measurements were at background levels. A plastic sheet was placed near the excavation site so the soil and gravel removed from the hole could be placed on it. As the excavation proceeded radiation measurements were taken at one foot increments down the hole to about seven feet. All radiation measurements were at background levels. Contractor personnel were monitored for alpha and beta contamination and no contamination was detected. After repairs were made and the job completed direct and transferable alpha and beta measurements were made on contractor equipment and personnel were remonitored and no contamination was detected.

Please contact me for further information.

Sincerely,



R. E. Rodriguez
Measurement Applications
and Development Group

RER:ec

- c: W. D. Cottrell
- R. D. Foley
- R. E. Swaja